

**REMARKS/ARGUMENTS**

Claims 44-90 remain in the case.

Claim 44 has been allowed by the Examiner.

Claim 45 is similar to claim 1 that was amended by Examiner's amendment and allowed. Claim 45 differs from claim 1 in form in that each of the three electric field regions is defined with its corresponding electrode.

Claims 46-66 which depend from claim 45 are identical to allowed original claims 2-22, respectively.

Claim 67 is similar to claim 23 as amended by Examiner's amendment and allowed. Claim 67 differs from claim 23 in form and includes the three electric field regions that enabled claim 23 to be allowed by the Examiner.

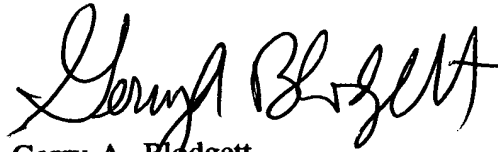
Claims 68-87 which depend from claim 67 are identical to allowed original claims 24-43, respectively.

Newly submitted method claims 88-90 include the steps of providing first, second and third electric field regions in the ionization chamber. Claims 88-90 are believed to be patentable for the same reasons stated by the Examiner with respect to the patentability of claim 23.

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10992233-1

In view of the newly submitted claims and the above remarks, this application is believed to be in condition for a Notice of Allowance.

Respectfully submitted,  
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Date: 7/22/04

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